Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102517\
Data File : BG029462.D
Acq On : 26 Oct 2017 3:56
Operator : SJ/JU
Sample : I5792-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0D03

Manual Integrations APPROVED
Sohil
10/27/2017 5:32:14 PM

Quant Time: Oct 26 15:51:38 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 24 23:55:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	101329	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.99	136	469283	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	296495	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.52	188	642844	20.00	ng/ul	0.00
75) Chrysene-d12	21.81	240	688627	20.00	ng/ul	0.00
83) Perylene-d12	25.13	264	739329m	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.55	96	15381	6.17	ng/uL	0.00
5) Phenol-d5	7.31	99	342141	35.18	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.48	67	210585	34.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	282553	41.18	ng/ul	-0.01
13) 4-Methylphenol-d8	8.86	113	265704	33.83	ng/ul	-0.01
19) Nitrobenzene-d5	9.33	128	151031	44.83	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	183758	53.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	321492	40.87	ng/ul	-0.01
29) 4-Chloroaniline-d4	11.11	131	211414m	23.13	ng/ul	-0.01
43) Dimethylphthalate-d6	14.18	166	962069	37.95	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	1236167	40.10	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	118674	25.36	ng/ul	0.00
57) Fluorene-d10	15.77	176	877562	42.27	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	143577	45.76	ng/ul	0.00
70) Anthracene-d10	17.62	188	1251907	41.18	ng/ul	0.00
76) Pyrene-d10	19.90	212	1440374	40.41	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.90	264	1447625	41.34	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	7.34	94	41109	4.085	ng/ul	93
28) Naphthalene	11.03	128	73926	2.977	ng/ul	98
34) 2-Methylnaphthalene	12.62	142	86683	4.217	ng/ul	99
44) Dimethylphthalate	14.22	163	58277m	2.357	ng/ul	
47) Acenaphthylene	14.51	152	118231	3.760	ng/ul#	84
49) Acenaphthene	14.85	153	42284	1.965	ng/ul#	88
53) Dibenzofuran	15.18	168	40194	1.367	ng/ul#	87
58) Fluorene	15.83	166	195986	8.352	ng/ul	95
69) Phenanthrene	17.57	178	2875068m	82.732	ng/ul	
71) Anthracene	17.66	178	129902	3.623	ng/ul	99
72) Carbazole	17.92	167	65648	2.037	ng/ul	96
74) Fluoranthene	19.57	202	2901227	74.700	ng/ul#	92
77) Pyrene	19.93	202	3509111	76.033	ng/ul#	86
80) Benzo(a)anthracene	21.78	228	1891680	43.833	ng/ul#	90
82) Chrysene	21.86	228	2303972	58.757	ng/ul#	89
85) Benzo(b)fluoranthene	24.08	252	2074410	46.737	ng/ul	96
86) Benzo(k)fluoranthene	24.13	252	742609m	17.305	ng/ul	
88) Benzo(a)pyrene	24.98	252	1777635	41.145	ng/ul	95
89) Indeno(1,2,3-cd)pyrene	28.94	276	1163586m	23.805	ng/ul	
90) Dibenzo(a,h)anthracene	28.97	278	370827m	9.132	ng/ul	
91) Benzo(g,h,i)perylene	30.13	276	1139123m	28.115	ng/ul	

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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